

# INTERNATIONAL SEARCH REPORT

Application No  
PCT/IT2004/000346

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61L2/10 C02F1/32

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61L C02F A23L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/096648 A1 (KAISER KLAUS ET AL) 25 July 2002 (2002-07-25) paragraphs '0012!, '0014!, '0017!, '0024! - '0027!, '0030! - '0033!, '0041! - '0043!, '0066!; claims 1-3,6,7	1,3-5
A	US 4 968 437 A (NOLL ET AL) 6 November 1990 (1990-11-06) column 3, lines 10-43 column 5, lines 4-66 column 7, line 68 - column 8, line 5; figures 1,2,15,16	1,3-5
A	US 5 874 741 A (MATSCHKE ET AL) 23 February 1999 (1999-02-23) column 1, line 66 - column 2, line 31 column 4, lines 24-58; figure 2	1,3,4
	----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

15 February 2005

Date of mailing of the international search report

23/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Maremonti, M

# INTERNATIONAL SEARCH REPORT

Inte Application No  
PCT/IT2004/000346

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>EP 0 378 716 A (TUCKER, ROBERT E)  25 July 1990 (1990-07-25)  column 2, lines 10-26  column 4, line 7 - column 5, line 42;  figures</p> <p>-----</p>	1

# INTERNATIONAL SEARCH REPORT

Information on patent family members

Int ..... Application No

PCT/IT2004/000346

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2002096648	A1	25-07-2002	DE 10056096 A1 AU 1906602 A CA 2428264 A1 CN 1486282 T WO 0238502 A1 EP 1339643 A1 JP 2004512912 T	13-06-2002 21-05-2002 16-05-2002 31-03-2004 16-05-2002 03-09-2003 30-04-2004
US 4968437	A	06-11-1990	US 5004541 A AT 116552 T AU 601743 B2 AU 7396687 A CA 1293847 C CN 87103349 A , B DE 3750950 D1 DE 3750950 T2 EP 0267261 A1 IE 68061 B1 IL 82292 A IN 168752 A1 JP 1500016 T JP 2974676 B2 KR 9105289 B1 MX 167742 B NO 880069 A , B, NZ 220069 A OA 8594 A PT 84827 A , B WO 8706841 A1 US 4769131 A	02-04-1991 15-01-1995 20-09-1990 01-12-1987 07-01-1992 25-11-1987 16-02-1995 24-05-1995 18-05-1988 15-05-1996 05-11-1990 01-06-1991 12-01-1989 10-11-1999 24-07-1991 12-04-1993 09-03-1988 28-05-1990 30-11-1988 01-06-1987 19-11-1987 06-09-1988
US 5874741	A	23-02-1999	CA 2247652 A1 US 5612001 A	17-03-2000 18-03-1997
EP 0378716	A	25-07-1990	CA 1320813 C US 4798702 A EP 0378716 A1 ES 2048772 T3	03-08-1993 17-01-1989 25-07-1990 01-04-1994